

90R - INDEX

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| ASSY. TITLE | | ASSY. No. | |
|--------------------|--|-----------|--------------------|
| CASTINGS & CASINGS | | 01 | |
| DRG No. | DESCRIPTION | SIZE | REMARKS. |
| 902-01-01 | FRONT MAINCASE PH. II | Roll | |
| -02 | REAR MAINCASE - PH. II | Roll | |
| -03 | BEARING CARRIER - 6 SPEED | Roll | SEE DRG 902-01-06 |
| -04 | REAR GEARBOX COVER | Roll | |
| 05 | REDUCTION GEAR CARRIER | | |
| -06 | BEARING CARRIER - 5 SPEED | Roll | SEE DRG. 902-01-03 |
| 07 | FRONT MAINCASE PH. III | Roll | |
| -08 | REAR MAINCASE PH. III | Roll | |
| -09 | REPAIR BUSH FRONT MAINCASE PH II No 1 | A4 | |
| -10 | STEP UP GEAR CARRIER PLATE | A1 | |
| -11 | PILLAR L.H. STEP-UP CARRIER | A3 | |
| -12 | PILLAR R.H. STEP-UP CARRIER | A3 | |
| -13 | PILLAR TOP STEP-UP CARRIER | A3 | |
| -14 | BOLT - MODIFIED - STEP UP GEAR CARRIER | AA | 2.66 Lg |
| -15 | BOLT - MODIFIED - STEP UP GEAR CARRIER | AA | 2.41 Lg |
| 16 | | | |
| 17 | | | |
| 18 | | | |
| 19 | | | |
| 20 | | | |
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| 25 | | | |

MARCH

ENGINEERING LIMITED

ASSY. TITLE

ASSY. No.

01

| DRG No. | ISS 1 | 2 | 3 | 4 | 5 | 6 | 7 | NO. OFF. | DRAWN BY |
|-----------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------|----------|----------|
| 90R-01-01 | ³ 2 ₉₀ | - | - | ¹⁴ 2 ₉₀ | - | ⁷ 3 ₉₀ | ⁹ | | Mel |
| 90R-01-02 | - | - | - | - | - | ² | | | Ray |
| 90R-01-03 | - | - | ⁶ 3 ₉₀ | | | | | 1 | Ray |
| 90R-01-04 | - | ²⁹ 3 ₉₀ | | | | | | 1 | Ray |
| 90R-01-05 | | | | | | | | | |
| 90R-01-06 | - | - | ⁶ 3 ₉₀ | | | | | | Ray |
| 90R-01-07 | - | - | ⁵ 3 ₉₀ | - | ¹⁸ 4 ₉₀ | ²² 5 ₉₀ | | 1 | Mel |
| 90R-01-08 | ¹¹ 4 ₉₀ | ¹⁷ 4 ₉₀ | ¹⁸ 5 ₉₀ | | | | | | Mel |
| 90R-01-09 | ²⁸ 2 ₉₀ | | | | | | | | |
| 90R-01-10 | ⁵ 3 ₉₀ | - | ² 4 ₉₀ | | | | | 1 | |
| 90R-01-11 | - | - | ² 4 ₉₀ | | | | | 1 | Ray |
| 90R-01-12 | - | - | ² 4 ₉₀ | | | | | 1 | Ray |
| 90R-01-13 | ⁵ 3 ₉₀ | - | ² 4 ₉₀ | | | | | 1 | Ray |
| 90R-01-14 | ²⁰ 3 ₉₀ | | | | | | | 6 | Mel |
| 90R-01-15 | ² 4 ₉₀ | | | | | | | 6 | Mel |
| 90R-01-16 | | | | | | | | | |
| 90R-01-17 | | | | | | | | | |
| 90R-01-18 | | | | | | | | | |
| 90R-01-19 | | | | | | | | | |
| 90R-01-20 | | | | | | | | | |
| 90R-01-21 | | | | | | | | | |
| 90R-01-22 | | | | | | | | | |
| 90R-01-23 | | | | | | | | | |
| 90R-01-24 | | | | | | | | | |
| 90R-01-25 | | | | | | | | | |

13
 14
 NO. OFF.
 1
 DRAWN BY
 Mel

ASSY. TITLE

ASSY. No.

85T-01

DRG No.

DESCRIPTION

SIZE

REMARKS:

85T-01-01

02

85T-01-03 Bearing Housing Layshaft

| ASSY. TITLE | | ASSY. No. | |
|---------------------|--|-----------|-----------------------------|
| C.W. & P & LAYSHAFT | | 03 | |
| DRG No. | DESCRIPTION | SIZE | REMARKS. |
| 902-03-01 | STEP UP DRIVE GEAR - 25T | B | } SAME DRG |
| 02 | STEP UP DRIVE GEAR - 28T | B | |
| 03 | STEP UP DRIVEN GEAR - 33T | B | } SAME DRG |
| 04 | STEP UP DRIVEN GEAR - 34T | B | |
| 05 | PINION SHAFT NUT / BEARING TRACK | B | |
| 06 | BORG - PINION SHAFT | A | |
| 07 | LAYSHAFT 1/2 COMB. 12:37/16:38 | A2 | 6. speed. |
| 08 | PINION SHAFT - 1 ST BUILD 9:35 | D | MOD. P. PORSCH 89T-03-16 |
| 09 | PINION SHAFT - 9:31 | D | |
| 10 | LAYSHAFT - 1/2 COMB. 12:37/16:40 | C | SEE 902-03-16 5 SPEED |
| 11 | LAYSHAFT NARROW 5 th SPACER | A3 | PORSCH STACK-UP |
| 12 | PINION SHAFT NARROW 5 th SPACER | B | PORSCH STACK-UP |
| 13 | LAYSHAFT WIDE 6 th | | |
| 14 | PINION SHAFT - 9:35 | D | |
| 15 | CROWN WHEEL - 9:35 | C | |
| 16 | LAYSHAFT 1/2 COMB. 12:37/15:39 | C | 5 SPEED SEE 902-03-10 |
| 17 | LAYSHAFT 3 rd GEAR - 6 SPEED. | A2 | |
| 18 | PINION SHAFT WIDE 5 th SPACER | A4 | PORSCH STACK-UP |
| 19 | LAYSHAFT WIDE 5 th SPACER | A3 | PORSCH STACK-UP |
| 20 | | | |
| 21 | | | |
| 22 | | | |
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| 25 | | | |

ASSY. TITLE

INTERVALS

ASSY. No.

05

| DRG No. | DESCRIPTION | SIZE | REMARKS. |
|----------------------|--|------|-----------------------------|
| 902-05- 1 | 1/2 + 3/4 HUB | B | |
| 2 | 5/6 HUB (NARROW 6 ^H) | B | |
| 3 | 6 ^H GEAR SHOULDER SPACER - NARROW | B | SEE DRG. 902-05-06 |
| 4 | 1 ST GEAR TRACK | C | |
| 5 | 5/6 HUB (WIDE 6 ^H) | B | |
| 6 | 6 ^H GEAR SHOULDER SPACER - WIDE | B | SEE DRG. 902-05-03 |
| 7 | 1/2 SELECTOR ROD | | 6 SPEED |
| 8 | 3/4 SELECTOR ROD | | --- |
| 9 | 5/6 SELECTOR ROD | | --- |
| 10 | 1/2 SELECTOR ROD SPACER | | --- |
| 11 | 3/4 SELECTOR ROD SPACER | | --- |
| 12 | 5/6 SELECTOR ROD SPACER | | --- |
| + 13 | 1/2 SELECTOR FORK | | 6 SPEED 85T-05-54 |
| + 14 | 3/4 SELECTOR FORK | | 6 SPEED 85T-05-55 |
| + 15 | 5/6 SELECTOR FORK | | 6 SPEED 85T-05-54 |
| -16 | 5/6 LAYSHAFT SPACER | | --- |
| -17 | NARROW 6 ^H GEAR LAYSHAFT SPACER | | --- |
| 18 | 1/2 SELECTOR ROD | | 5 SPEED |
| 19 | 2/3 SELECTOR ROD | | --- |
| 20 | 4/5 SELECTOR ROD | | --- |
| 21 | REAR GEARSHIFT ROD | | |
| 22 | SELECTOR FINGER. | A3 | SAME AS FINGER 89T-05-04 |
| 23 | | | |
| 24 | | | |
| 25 | | | |

ASSY. TITLE

ASSY. No.

89T-05

DRG No.

DESCRIPTION

SIZE

REMARKS.

89T-05-01

89T-05-02 Nut (Pinion Bearing Retaining)

ASSY. TITLE

INPUT SHAFTS

ASSY. No.

08

| DRG No. | DESCRIPTION | SIZE | REMARKS. |
|-----------|----------------------------------|------|----------|
| 902-08 | INPUT SHAFT PHASE II ALFA | A2 | |
| 90R-08 | INPUT SHAFT PHASE III ALFA | A2 | |
| 90R-08-03 | INPUT SHAFT COSWORTH | | T.B.D. |
| 90R-08 | INPUT SHAFT PHASE III - 83CC/BOX | C | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |
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ASSY. TITLE

SERVICE TOOLS

ASSY. No.

10

DRG No.

DESCRIPTION

SIZE

REMARKS.

902-10-01

~~02~~ DUMMY PINION SHAFT

B

~~03~~ STUD FORKSETTING JIG.

A

~~04~~ PINION SHAFT NUT SOCKET

C

~~05~~ PINION DEPTH JIG

C

06

07

08

09

10

ASSY. TITLE

ASSY. No.

85T-10

DRG No.

DESCRIPTION

SIZE

REMARKS.

85T-10-01

02

03

85T-10-04 Pinion Shaft Socket Assy

ASSY. TITLE

STARTER

ASSY. No.

11

DRG No.

DESCRIPTION

SIZE

REMARKS.

902-11-01

02

03

04

05

06

07

08

09

10

